



Item no. 2295-6

Smart AC™ **210** USB

I N V E R T E R



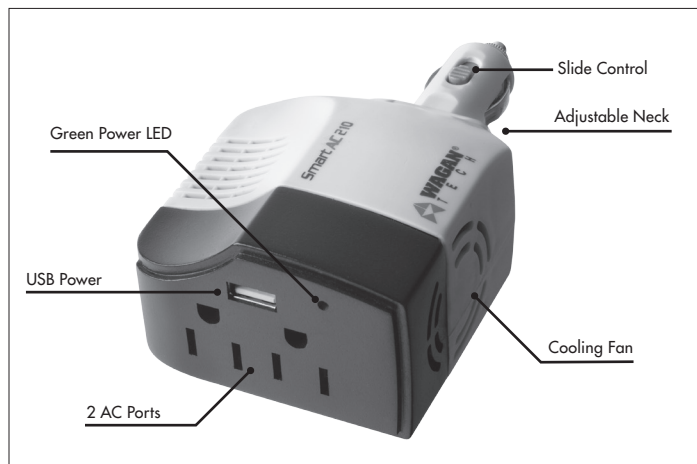
User's Manual

Thank you for purchasing Smart AC 210 USB Inverter by Wagan Tech. With minimal care and proper treatment it will provide years of reliable service. Please read and understand all operating instructions carefully before use.

Your Smart AC Power Inverter converts 12V DC battery power to 110 V AC household electrical power so you can operate products from your car, truck, boat, SUV or RV.

Important: BEFORE USING YOUR SMART AC POWER INVERTER READ AND UNDERSTAND THIS OWNER'S GUIDE. SAVE THESE INSTRUCTIONS—THIS OWNER'S GUIDE CONTAINS IMPORTANT SAFETY INSTRUCTIONS.

FEATURES



OPERATION

1. Plug the inverter into your vehicle's lighter socket. If the socket is too large, adjust the negative connectors using the slide control to ensure a snug fit. The (green) LED will light up.
2. Plug an AC product into the three prong AC receptacle and turn it on. Ensure your product draws 210 watts or less of continuous AC power. To avoid discharging the battery, always remove the inverter from the lighter socket when not in use.

WARNINGS

- **Shock hazard: The Smart AC Power Inverter generates the same AC power as a normal household wall outlet.**
- Do not open (no user-servicable parts inside). Do not insert foreign objects into the outlet.
- Do not expose to water, rain or snow.
- Do not connect to power utility AC distribution wiring.
- Heated surface: The inverter housing may become uncomfortably warm, reaching 65°C (150°F) under extended high power operation.
- During operation, keep the inverter from materials that may be affected by high temperatures.
- Failure to follow the above may result in personal injury or damage to the inverter.

CAUTION

- Refer to the battery manufacturer's safety instructions for proper battery installation and operation.
- **NEUTRAL FLOATING:** Do not connect to the inverter any AC products whose neutral conductor is connected to the ground.

- THE ELECTRICITY GENERATED BY THE INVERTER IS MODIFIED SINE WAVE. Do not use the inverter to power the following devices: *Small appliances such as rechargeable flashlights, some razors, and some rechargeable night lights that plug into a wall outlet for recharge. Some battery chargers for rechargeable tools.*
- Before using Wagan's inverter, please check the equipment manufacturer's manual and specification to check if the equipment is capable of being charged properly without damaging it.

TROUBLESHOOTING

Problem: AC product does not operate, green light does not light

Probable Cause	Suggested Remedy
AC product connected is rated at more than 210 watts; overload shutdown occurs.	Use product with a power rating of less than 210 watts.
High starting surge has caused overload shutdown even though AC product connected is rated at less than 500 watts.	Product exceeds inverter's surge capability. Use a product with starting surge power of less than 500 watts.
Lighter socket or 12 volt outlet may require ignition to be switched on.	Turn ignition key to accessory position.
Poor contact with lighter socket or 12 volt outlet.	Press inverter firmly into the lighter socket. Make sure the socket is clean.
Battery is discharged.	Recharge battery.
Fuse blown by heavy load.	Replace the 20A slow blow fuse by unscrewing the fitting in the positive connector.

Problem: Buzzing sound in audio systems

Inexpensive stereo systems have inadequate internal power supply filtering, causing a buzzing sound. A system with a high quality filter is the only solution.

For additional technical support please e-mail customerservice@wagan.com

SPECIFICATIONS

Continuous Power	210 Watts (for 24 hours)
Peak Surge Power	500 Watts
AC Output Voltage	110V \pm 5V AC RMS
AC Output Frequency	60 Hz \pm 5 Hz
AC Output Waveform	Modified Sine Wave
DC Input Voltage Range	12V DC (10–15V) DC
Optimum Efficiency	90%
No Load Battery Drain	0.15A DC
Low Battery Shutdown	Yes (10V \pm 0.5V DC)
Thermal Cooling Fan	Yes
Input Short Circuit Protection	Yes
AC Receptacles	2
USB Power	1
Net Weight	550g

WAGAN CORP. LIMITED WARRANTY

All WAGAN Corporation products are warranted to the original purchaser of this product.

Warranty Duration: This product is warranted to the original purchaser for a period of one (1) Year from the original purchase date, to be free of defects in material and workmanship. WAGAN Corporation disclaims any liability for consequential damages. In no event will WAGAN Corporation be responsible for any amount of damages beyond the amount paid for the product at retail. In the event of a defective item, please contact WAGAN Corporation at (800) 231-5806 to obtain a Returned Merchandise Authorization number (RMA#), and return instructions. Each item returned will require a separate RMA#. After you have received the RMA# and the return instructions from WAGAN Corporation, please follow the instructions and send the item with PREPAID SHIPPING, along with all of the required documentation, a complete explanation of the problem, your name, address and daytime phone number. WAGAN Corporation will, at its option, replace or repair the defective part.

A Returned Merchandise Authorization number (RMA#) is REQUIRED when sending in any defective item. WAGAN Corporation is not responsible for any item(s) returned without an official Returned Merchandise Authorization number. The item(s) must be returned with prepaid shipping. WAGAN Corporation is not responsible for any shipping charges incurred in returning the item(s) back to the company for repair or replacement. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty is effective only if the product is purchased and operated in the USA and does not extend to any units which have been used in violation of written instructions furnished.

Warranty Disclaimers: This warranty is in lieu of all warranties expressed or implied and no representative or person is authorized to assume any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract.

Warranty Performance: During the above one (1) Year warranty period, a product with a defect will be replaced with a comparable model when the product is returned to WAGAN Corporation with an original store receipt. The replacement product will be in warranty for the balance of the one (1) Year warranty period.
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☒ Please activate my limited warranty for WAGAN Corp.

Name						Item no.			Date
Mailing address									
City									
State, Zip code									
E-mail address									
Item purchased									
Store name									
Date of purchase									
Signature									

All WAGAN Corporation Products must be registered within (30) days of purchase to activate this warranty. Mail the complete registration form, along with a copy of the original sales receipt to:

Attn: Customer Service
WAGAN Corporation
31088 San Clemente St.
Hayward, CA 94544



www.wagan.com

customerservice@wagan.com

USA & CAN Toll Free: 1.800.231.5806

Tel: 1.510.471.9221

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